



**Project No:** TOL001052030201  
**Project:** Bioremediation Pilot Study  
**Client:** AFCEE  
**Location:** Site 24 - Vandenberg AFB  
**Northing(ft):** 2100086.9

**Borehole ID:** HGL69(24PIW8-2)  
**Date:** 10/10/2003  
**Geologist:** M. Jackson  
**Checked By:** D. Smith, R.G.  
**Ground Surface Elevation(ft msl):** 459.5  
**Easting(ft):** 5801072.1

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		<b>Sand and gravel</b>	FL						Pilot study injection (monitoring) well installed in boring.
4				455					
6		<b>Sandy clay</b> Mottled pale yellowish brown to light brown, moist, stiff	CL	453					
8			SP						
10		<b>Poorly graded sand</b> Pale yellowish brown, slightly moist, loose at 11' color change to dark yellowish orange							
12									
14		at 15' color change to pale yellowish brown							
16									
18		at 19' color change to light olive gray, very moist to saturated							
20				439	50	25/70 for 4"	2.0		
22		<b>Clayey sand</b> Pale yellowish brown, slightly moist, slightly dense	SC	437	100	50/39/40	5.7		Drilled to 23.0'. Sampled to 23.5'.
24			CL	436	100	26/50/50	2.8		
26		<b>Sandy clay</b> Mottled pale yellowish brown to light brown, moist, stiff							
28		very stiff at 23.5'							
30									
32									
34									
36									
38									
40									

Drilled By: Layne Christensen

Drill Method: Dual Tube

Drilling Equipment: AP 1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

**HydroGeoLogic, Inc.**

4600 Northgate Blvd., Suite 207

Sacramento, CA 95834

(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 23.0'

Sheet: 1 of 1